Index of Claims

| Δn | plica | tio | n/C   | on | trol | No.  |
|----|-------|-----|-------|----|------|------|
| ~μ | piica | ıuo | 11110 | OH | uvi  | ITO. |

09/905,196

Examiner

Applicant(s)/Patent under Reexamination
CRAMER ET AL.

Art Unit

Justin E. Shepard

2617

✓ Rejected= Allowed

| _ | (Through numeral)<br>Cancelled |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|
| • | Pastricted                     |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |  | L           |          |              |              |              |          |          |          |                 |  |
|----------|--|-------------|----------|--------------|--------------|--------------|----------|----------|----------|-----------------|--|
| Claim    |  |             |          |              |              |              |          |          |          |                 |  |
| Cla      | <u> </u>   |             | ,        | [            | Date         | -            | ,        |          | $\dashv$ |                 |  |
| l _      | Original   | δ           |          | 1            |              |              |          |          |          |                 |  |
| Final    | gi   | 12/5/05     |          |              |              |              |          |          |          |                 |  |
| ĬĒ,      | Ö  | 12          |          |              |              |              |          |          |          |                 |  |
|          |  | Ļ           |          |              |              |              | Ш        |          |          | Ц               |  |
|          | 1<br>2<br>3<br>4<br>5<br>6   | ~           |          |              |              |              |          |          |          | Ц               |  |
|          | 2  |             |          |              |              |              |          |          |          |                 |  |
|          | 3  |             |          |              |              |              |          |          |          | $\Box$          |  |
|          | 4  | $\perp$     |          |              |              |              |          |          |          |                 |  |
|          | 5  | Ш           |          |              |              |              |          |          |          |                 |  |
|          | 6  |             |          |              |              |              |          |          |          |                 |  |
|          | 7  |             |          |              |              |              |          |          |          |                 |  |
|          | 8  |             |          |              |              |              |          |          |          |                 |  |
|          | 9  | T           |          |              |              |              |          |          |          |                 |  |
|          | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | $\Box \Box$ |          |              |              |              |          |          |          |                 |  |
|          | 11   |             |          |              |              |              |          |          |          |                 |  |
|          | 12   | П           |          |              |              |              |          |          |          |                 |  |
|          | 13   | Π           |          | П            |              |              |          |          |          |                 |  |
|          | 14   | lT          |          |              |              |              |          |          |          | $\Box$          |  |
|          | 15   | $I\!\!T$    | Г        |              |              |              |          |          |          |                 |  |
|          | 16   | $\parallel$ |          |              |              |              |          |          |          |                 |  |
|          | 17   | $\vdash$    | $\vdash$ |              |              |              |          |          |          |                 |  |
|          | 18   | $\parallel$ | $\vdash$ |              | -            |              |          |          |          | $\neg \neg$     |  |
| <b>—</b> | 19   | ╫           | $\vdash$ | -            | Н            |              |          | -        |          |                 |  |
| $\vdash$ | 20   | ╫╴          |          |              |              |              | $\vdash$ | -        | _        |                 |  |
|          | 21   | #           | -        | $\vdash$     |              | <del> </del> | -        |          | _        | $\dashv$        |  |
|          | 22   | ╫┈          | -        | $\vdash$     | _            | _            |          |          |          | $\exists$       |  |
| -        | 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29                             | ╫╴          | ⊢        | $\vdash$     | _            | <u> </u>     |          |          |          | $\dashv$        |  |
| _        | 24   | ╫╴          | ┝        | $\vdash$     | _            | -            |          |          |          | $\dashv$        |  |
| -        | 25   | ╫           | ├        | $\vdash$     | -            | -            | $\vdash$ |          |          |                 |  |
| $\vdash$ | 26   | Н           | $\vdash$ | $\vdash$     | $\vdash$     | -            |          | _        | $\vdash$ | $\dashv$        |  |
| -        | 27   | Н           | ⊢        | -            |              | $\vdash$     | $\vdash$ | -        | _        | Н               |  |
| -        | 20   | H           |          |              | -            | ⊢            | ├        | _        | _        | Н               |  |
| -        | 20   | H           | ⊢        | ⊢            | -            | ⊢            | $\vdash$ | _        |          | $\vdash$        |  |
| <u> </u> | 29   | H           |          | H            | <u> </u>     | <del> </del> | -        |          | _        | Н               |  |
| <u> </u> | 30<br>31<br>32   | ₩           | ⊢        | $\vdash$     | <u> </u>     | -            | <u> </u> | -        |          | Н               |  |
| <u> </u> | 31   | H           | ├        | _            | -            | ⊢            |          | <u> </u> |          | Н               |  |
| <u></u>  | 32   | H           | ├        | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | <b>-</b> | $\vdash \vdash$ |  |
| ⊢        | 33<br>34   | Н           | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | <u> </u> | <u> </u> | $\vdash$ | Н               |  |
|          | 34   | Щ           | ⊢        | $\vdash$     | <u> </u>     | ├-           | <u> </u> | <u> </u> |          | Н               |  |
|          | 35   | Y           | <u> </u> | _            | <u> </u>     | $\vdash$     | $\vdash$ | $\vdash$ |          | Щ               |  |
| <u></u>  | 36<br>37   |             | ऻ_       | <u> </u>     | <u> </u>     | Ь.           | <u> </u> | <u> </u> | <u> </u> | Щ               |  |
|          | 37   | <u> </u>    | ⊢        | _            | <u> </u>     | <u> </u>     | $\vdash$ | <u> </u> |          | Щ               |  |
|          | 38<br>39   | <u> </u>    |          | _            | <u> </u>     | <u> </u>     | <u> </u> |          | _        | Щ               |  |
| ļ        | 39   | <u> </u>    |          | _            | _            | <u> </u>     | $\vdash$ | <u> </u> | _        | Щ               |  |
|          | 40   | <u> </u>    | <u> </u> | <b> </b>     | <u> </u>     | <u> </u>     | $\vdash$ | <u> </u> | Щ        | Ш               |  |
|          | 41   | _           | _        | Ш            | L            | L_           | L.       | L.,      | L_       | Ш               |  |
|          | 42   | <u> </u>    |          | $oxed{oxed}$ |              | <u> </u>     | <u> </u> | L_       | <u> </u> | Ш               |  |
|          | 43   | <u>L</u>    | <u> </u> |              | $oxed{oxed}$ |              |          | L        |          | Ш               |  |
|          | 44   |             |          |              |              |              |          |          |          | Ш               |  |
| L        | 45   |             |          |              |              |              |          |          |          |                 |  |
|          | 46   | Ĺ           |          |              | L            |              |          |          |          |                 |  |
|          | 47   |             |          |              |              |              |          |          |          |                 |  |
|          | 48   | L           | Ľ        |              |              | L            |          |          |          |                 |  |
|          | 49   | Γ           |          |              |              |              |          |          |          |                 |  |
|          | 50   | Π           | Γ        |              |              | Γ            |          |          |          |                 |  |

| Cla          | im                   | Date                                |          |          |          |          |               |          |              |  |
|--------------|----------------------|-------------------------------------|----------|----------|----------|----------|---------------|----------|--------------|--|
|              |                      |                                     |          |          |          |          |               |          |              |  |
| <del> </del> | Original             |                                     |          |          | 1        |          |               |          |              |  |
| Final        | ΞĒ                   |                                     |          |          | i        |          |               |          |              |  |
| "            | ō                    |                                     |          |          |          |          |               |          |              |  |
| <u> </u>     |                      | Ш                                   | _        |          | _        |          |               |          | _            |  |
|              | 51                   |                                     |          |          |          |          |               |          |              |  |
| 1            | 52                   |                                     |          |          |          |          |               |          |              |  |
|              | 52<br>53             |                                     |          |          |          |          |               |          |              |  |
|              | 54                   |                                     |          |          |          |          |               |          |              |  |
| <b></b>      | 55                   | H                                   |          |          | $\vdash$ | $\neg$   |               | -        |              |  |
|              | 56                   |                                     |          |          |          |          |               | _        | _            |  |
| <b> </b>     |                      |                                     |          | -        |          |          |               |          | _            |  |
| <b>—</b>     | 57                   |                                     |          | -        | -        | Н        |               |          |              |  |
| <u> </u>     | 58<br>59             |                                     |          | <u> </u> |          |          |               |          |              |  |
|              | 59                   |                                     |          |          |          |          |               |          |              |  |
|              | 60                   |                                     |          |          |          |          |               |          |              |  |
| 1            | 61                   |                                     |          |          |          |          |               |          |              |  |
|              | 62                   |                                     |          |          |          |          |               |          |              |  |
|              | 63                   |                                     |          | T        |          | П        |               |          |              |  |
|              | 64                   | Н                                   |          | ┰        | Н        | $\dashv$ | _             |          |              | _  |
| $\vdash$     | 65                   | $\vdash$                            |          | $\vdash$ | $\vdash$ | $\vdash$ |               |          | _            | $\vdash$   |
| $\vdash$     | 66                   | -                                   | -        | -        | $\vdash$ | -        | _             | $\vdash$ |              | _  |
| <del></del>  | 66                   |                                     |          | <u> </u> |          |          |               | $\vdash$ |              | _  |
| <u> </u>     | 67                   | <u> </u>                            | $\vdash$ | <u> </u> |          | $\vdash$ | _             | $\vdash$ |              |  |
|              | 68                   |                                     |          | L        |          |          |               |          |              |  |
|              | 69                   |                                     |          |          |          |          |               |          |              |  |
|              | 70                   | l!                                  |          |          |          |          |               |          |              |  |
|              | 71                   |                                     |          |          |          |          |               |          |              |  |
|              | 72<br>73<br>74<br>75 |                                     |          | Γ        |          |          |               |          |              |  |
|              | 73                   |                                     |          |          |          |          |               |          |              |  |
|              | 74                   | Г                                   |          |          | Г        |          |               |          | _            |  |
|              | 75                   |                                     |          |          |          |          |               |          |              |  |
|              | 76                   |                                     |          |          | Т        |          |               |          |              |  |
| _            | 77                   | -                                   | _        | $\vdash$ | $\vdash$ | _        |               | -        |              | $\vdash$   |
| <u> </u>     | 77<br>78             | $\vdash$                            |          | -        | $\vdash$ |          |               |          |              | <u> </u>   |
| -            | 79                   |                                     | -        | $\vdash$ | ┝        | -        | _             | _        | _            | _  |
|              | 79                   | <u> </u>                            | _        | ⊢        | -        |          | _             |          |              | ⊢  |
|              | 80                   | $\vdash$                            | <u> </u> | <u> </u> | $\vdash$ | _        | -             | <u> </u> | <u> </u>     | <u> </u>   |
|              | 81                   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u> | <u> </u> | _        |               | _        | _            | <u> </u>   |
|              | 82                   |                                     |          | 匚        |          |          |               |          |              | $ldsymbol{ld}}}}}}$ |
|              | 83                   |                                     | L        | L        | L        |          |               |          |              |  |
|              | 84                   |                                     |          |          |          |          |               |          |              | L  |
|              | 85                   |                                     |          |          |          |          |               |          |              |  |
|              | 86                   |                                     |          |          |          |          |               | Г        |              |  |
|              | 87                   | Т                                   | $\vdash$ | _        | _        |          |               | <u> </u> |              | $\vdash$   |
|              | 88                   | $\vdash$                            | $\vdash$ | <u> </u> |          |          | Н             | Н        | Т            | <del>                                     </del>   |
| <del></del>  | 89                   | $\vdash$                            | $\vdash$ | $\vdash$ | -        |          | Н             | $\vdash$ | H            | $\vdash$   |
| $\vdash$     | 90                   | $\vdash$                            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | Н             | $\vdash$ |              | $\vdash$   |
| <b>—</b>     |                      | -                                   |          | $\vdash$ | H        | H        |               | $\vdash$ | <del> </del> | ⊢  |
|              | 91                   | $\vdash$                            | $\vdash$ | $\vdash$ | H        | $\vdash$ | <u> </u>      |          |              | $\vdash$   |
| -            | 92                   | -                                   | ├—       | ⊢        | $\vdash$ | H        | <u> </u>      |          |              | $\vdash$   |
| <b>├</b>     | 93                   | $\vdash$                            | <u> </u> | <u> </u> | L        | -        | _             |          |              | $\vdash$   |
| ļ            | 94                   | L.                                  | <u> </u> | <u> </u> |          |          |               | <u> </u> |              |  |
| <u></u>      | 95                   | L_                                  | _        | L_       | <u> </u> | <u> </u> | <u> </u>      | <u> </u> | <u> </u>     | _  |
| L            | 96                   | <u> </u>                            |          |          | Ц_       | <u> </u> |               |          | L            | L  |
|              | 97                   | L                                   |          |          | L        | L        |               | L        |              | L  |
|              | 98                   |                                     |          |          |          | Ĺ        |               |          |              |  |
|              | 99                   |                                     |          |          |          |          |               |          |              |  |
|              | 1                    | _                                   |          | 1        | _        | -        | $\overline{}$ | -        | -            |  |

100

| CI    | aim  | Date      |   |              |   |          |          |  |          |          |
|-------|--|-----------|---|--------------|---|----------|----------|--|----------|----------|
|       | 1  | _         | _ |              |   | Jate     | ;        |  | _        | ႕        |
| Final | Original   |           |   |              |   |          | ٠        |  |          |          |
|       | 101  |           |   |              |   |          |          |  |          |          |
|       | 101<br>102<br>103<br>104<br>105<br>106               |           |   |              |   |          |          |  |          |          |
|       | 103  |           |   |              |   |          |          |  |          |          |
|       | 104  |           |   |              |   |          |          |  |          |          |
|       | 105  |           |   |              |   |          |          |  |          |          |
|       | 106  |           |   |              |   |          |          |  |          |          |
|       | 107  |           |   |              |   |          |          |  |          |          |
|       | 108<br>109   |           |   |              |   |          |          |  |          |          |
|       | 109  |           |   |              |   |          |          |  |          |          |
|       | 110  |           |   |              |   |          |          |  |          |          |
|       | 111  |           |   | Щ            |   | Ш        |          |  |          |          |
|       | 112  |           |   | Щ            |   | $\sqcup$ |          | Щ  |          |          |
|       | 110<br>111<br>112<br>113<br>114<br>115<br>116<br>117 | Ш         |   | Щ            |   | Щ        | Щ        | Щ  |          | $\Box$   |
|       | 114  | $\square$ |   | _            |   |          |          | Ш  |          | Ш        |
|       | 115  | Ш         |   |              |   |          |          | Щ  |          | Щ        |
|       | 116  |           |   |              |   |          |          |  |          | _        |
|       | 11/  |           |   |              |   |          |          |  |          | -        |
|       | 118  |           |   |              |   |          |          |  |          | Н        |
|       | 119  | Н         |   |              |   | $\vdash$ | _        |  | _        |          |
|       | 119<br>120<br>121                                    |           | _ |              |   | L        |          | $\vdash$   |          | Щ        |
|       | 121  |           |   | _            |   | H        |          |  |          | Н        |
|       | 122  |           |   |              |   |          |          |  |          | $\dashv$ |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |           |   |              |   |          |          |  |          | $\dashv$ |
|       | 124  | -         |   |              | - | ┝        |          |  |          | -        |
|       | 120  | Н         |   | $\vdash$     |   | $\vdash$ | _        | _  |          | $\dashv$ |
|       | 120  |           |   | $\vdash$     |   | $\vdash$ |          | $\vdash$   |          | $\dashv$ |
|       | 127  |           |   |              |   | -        | -        | H  |          | -        |
|       | 120  |           |   |              |   |          | $\vdash$ |  | _        | $\dashv$ |
|       | 130  | -         |   |              |   |          | -        | <del>                                     </del> |          | $\dashv$ |
|       | 131  | Н         |   | <del> </del> | _ |          | <u> </u> | $\vdash$   |          | Н        |
| —     | 132  |           |   | ┢            |   |          | F        | $\vdash$   | _        | $\vdash$ |
| _     | 133  |           | - | <del> </del> |   | -        |          | -  |          | $\vdash$ |
|       | 130<br>131<br>132<br>133<br>134                      |           | - | $\vdash$     |   | $\vdash$ | $\vdash$ | $\vdash$   |          | Н        |
|       | 135  | Н         | _ | -            |   | -        | $\vdash$ | H  | $\vdash$ | Н        |
|       | 135<br>136   |           |   |              |   |          |          |  |          | Н        |
|       | 137  | П         |   |              |   |          |          |  | $\vdash$ |          |
|       | 138  |           |   |              |   | $\vdash$ | ┰        |  |          | П        |
|       | 138<br>139   | П         |   |              |   |          |          |  |          | П        |
|       | 140  | П         | Т | Г            | Г |          | $\vdash$ |  |          | П        |
|       | 141  |           |   |              |   |          |          |  |          |          |
|       | 142  |           |   |              |   |          |          |  |          |          |
|       | 143  |           |   |              |   |          |          |  |          |          |
|       | 144  |           |   |              |   |          |          |  |          |          |
|       | 145  |           |   |              |   |          |          |  |          |          |
|       | 146  |           |   |              |   |          |          |  |          |          |
|       | 147  |           |   |              |   |          |          |  |          |          |
|       | 148  |           |   |              |   |          |          |  |          |          |
|       | 149  |           |   |              |   |          |          |  |          |          |
|       | 150  |           | I |              |   |          |          |  |          |          |